

LITHIUM SECONDARY BATTERY, MODULE USING LITHIUM SECONDARY BATTERY AND DEVICE USING THESE

Publication number: JP2002280076

Publication date: 2002-09-27

Inventor: YAMAKI TAKAHIRO; KASAI MASAHIRO; TAKEUCHI SEIJI

Applicant: HITACHI LTD

Classification:

- international: H02J7/00; B60K6/04; B60L11/18; H01M4/58; H01M10/40; H01M10/44; H01M10/48; H02J7/10; H01M4/02; H01M4/36; H01M4/48; H01M10/42; H02J7/00; B60K6/00; B60L11/18; H01M4/58; H01M10/36; H01M10/42; H02J7/10; H01M4/02; H01M4/36; H01M4/48; (IPC1-7): H01M10/40; B60K6/02; B60L11/18; H01M4/58; H01M10/48; H02J7/00; H02J7/10

- european: B60K6/04B6; H01M10/40L2; H01M10/44

Application number: JP20010073274 20010315

Priority number(s): JP20010073274 20010315

Also published as:

EP1241727 (A2)

US2002168568 (A1)

[Report a data error here](#)

Abstract of JP2002280076

PROBLEM TO BE SOLVED: To provide a lithium secondary battery requiring one discharge potential region even when using a positive electrode active material having a plurality of discharge potentials, and a module using the same. **SOLUTION:** The lithium secondary battery comprises a positive electrode and a negative electrode, wherein the sum of the irreversible capacity of the positive electrode in an operating potential range and the irreversible capacity in a discharge region on a low potential side excluding a highest-potential discharge region of the plurality of discharge regions is smaller than the irreversible capacity of the negative electrode.

13

